a plurality of sensors configured to receive target observations;

a device configured to receive (**202**) a plurality of target observations (**106**) from the plurality of sensors;

a device configured to use (**204**) the target observations to compute target state estimates;

a device configured to assess (**206**) whether each of the target state estimates suffers from one of a set of modelled possible fault types;

a device configured to adjust (**208**) the target state estimates to compensate for a said modelled fault type if that target state estimate is assessed to suffer from that modelled fault type;

a device configured to compute (**210**) a reliability value for each of the target state estimates, and

a device configured to fuse (**212**) the target state estimates based on the computed reliability values to produce a fused target state estimate.

14. A system according to claim **13**, wherein the sensors (**102**) are configured to transfer their observations to a remote device (**104**) that includes: the device configured to use the target observations to compute target state estimates; the device configured to assess whether each of the target state estimates suffers from one of a set of modelled possible fault types, and the device configured to adjust the target state estimates to compensate for a said modelled fault type if that target state estimate is assessed to suffer from that modelled fault type.

15. A system according to claim **13**, wherein each of the sensors (**102**) include the device configured to use the target observations to compute target state estimates; the device configured to assess whether each of the target state estimates suffers from one of a set of modelled possible fault types, and the device configured to adjust the target state estimates to compensate for a said modelled fault type if that target state estimate is assessed to suffer from that modelled fault type.

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